

## Post—Exposure Prophylaxis (PEP) RECOMMENDATIONS

☐ **Infants born to mothers who are HBsAg-POSITIVE**

- Step 1** ☐ Administer hepatitis B vaccine within 12 hours of birth.
- Step 2** ☐ Administer HBIG within 12 hours of birth.
- Step 3** ☐ Follow vaccination schedule (table on back side).
- Step 4** ☐ Perform post-vaccination serology (PVS) testing after completing vaccine series at 9-12 months of age.

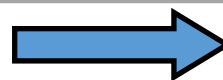
☐ **Infants born to mothers with UNKNOWN HBsAg status**

- Step 1** ☐ Administer hepatitis B vaccine within 12 hours of birth. If infant weighs LESS THAN 2000 GMS, administer hepatitis B vaccine and HBIG within 12 hours of birth.
- Step 2** ☐ If mother is determined to be HBsAg positive, ADMINISTER HBIG as soon as possible but no later than SEVEN (7) days.
- Step 3** ☐ Follow vaccination schedule (table on back side).
- Step 4** ☐ Perform PVS testing after completing vaccine series at 9-12 months of age.

☐ **Infants born to mothers who are HBsAg-NEGATIVE**

- Step 1** ☐ Administer hepatitis B vaccine within 24 hours of birth.
- Step 2** ☐ Follow vaccination schedule (table on back side).

Turn to back page for vaccination table



## Post-Vaccination Serologic Testing

☐ **After completing the vaccine series , perform PVS testing at 9-12 months, testing for:**

- ☐ Anti-HBs (antibody to hepatitis B surface antigen)
- ☐ HBsAg

☐ **If infant is HBsAg-negative and anti-HBs levels  $\geq 10$  mIU/ML: take no further action**☐ **If infant is HBsAg-negative with anti-HBs levels  $< 10$  mIU/mL:**

- Step 1** ☐ Revaccinate infant with a SINGLE dose of HepB vaccine.
- Step 2** ☐ Perform PVS testing after 1-2 MONTHS LATER.
- Step 3** ☐ If infants' anti-HBs remains  $< 10$  mIU/mL following single dose revaccination:
- ☐ Administer two additional doses of HepB vaccine at the recommended intervals to complete the second series.
  - ☐ Perform PVS testing after 1-2 months AFTER administering the final dose.

Birth weight	Maternal HBsAg status	Single-antigen vaccine		Single-antigen + combination vaccine	
		Dose	Age	Dose	Age
≥ 2,000 g	Positive	1	Birth (≤ 12 hours)	1	Birth (≤ 12 hours)
		HBIG	Birth (≤ 12 hours)	HBIG	Birth (≤ 12 hours)
		2	1-2 ms	2	1-2 mos
		3	6 mos	3	4 mos
	Unknown			4	6 mos
		1	Birth (≤ 12 hours)	1	Birth (≤ 12 hours)
		2	1-2 ms	2	2 mos
		3	6 mos	3	4 mos
	Negative			4	6 mos
		1	Birth (≤ 24 hours)	1	Birth (≤ 24 hours)
		2	1-2 ms	2	2 mos
		3	6-18 mos	3	4 mos
≤ 2,000 g	Positive			4	6 mos
		1	Birth (≤ 12 hours)	1	Birth (≤ 12 hours)
		HBIG	Birth (≤ 12 hours)	HBIG	Birth (≤ 12 hours)
		2	1-2 ms	2	2 mos
	Unknown	3	2-3 mos	3	4 mos
		4	6 mos	4	6 mos
		1	Birth (≤ 12 hours)	1	Birth (≤ 12 hours)
		HBIG	Birth (≤ 12 hours)	HBIG	Birth (≤ 12 hours)
	Negative	2	1-2 ms	2	2 mos
		3	2-3 mos	3	4 mos
		4	6 mos	4	6 mos
		1	Hospital discharge or age 1 mo	1	Hospital discharge or age 1 mos
	Negative	2	2 mo	2	2 mos
		3	6-18 mo	3	4 mos
				4	6 mos

### Additional Resources

- Los Angeles County Department of Public Health, Vaccine Preventable Disease Control Program Perinatal Hepatitis B Prevention Unit: [www.publichealth.lacounty.gov/ip/perinatalhepb/index.htm](http://www.publichealth.lacounty.gov/ip/perinatalhepb/index.htm)
- Centers for Disease Control and Prevention (CDC): <https://www.cdc.gov/hepatitis/hbv/perinatalxmtn.htm>
- California Department of Public Health: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/disease.aspx>